



## Application for Certification as an Eligible Energy Resource Under the Delaware Renewable Energy Portfolio Standard

1. Name of Facility

**Puch, Peter Residence - P Puch**

2. Facility Address

**32795 Ocean Ridge Dr**

**Lewes, DE 19958**

Is the facility located within the PJM control area?

☒ Yes

☐ No

If No, does the Facility have import capabilities?

☐ Yes

☐ No

3. Name of Owner

**Peter Puch**

Mailing Address

**32795 Ocean Ridge Dr**

**Lewes, DE 19958**

Phone **(301) 943-7696**

Fax \_\_\_\_\_

Email **pmpuch@gmail.com**

4. Name of Operator

**same as owner**

Mailing Address

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

5. Name of Contact Person

Allyson Browne, SRECTrade, Inc.

Mailing Address

201 California Street, Suite 630

San Francisco, CA 94111

Phone (415) 763 - 7732 ext. 1 Fax (415) 763 - 7732

Email applications@srectrade.com

6. Name of REC/SREC Owner

same as owner

Mailing Address

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

7. List all PJM-EIS GATS State Certification Numbers assigned to this facility:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. Operational Characteristics:

Fuel Types Used (check all that apply):

☐ Gas combustion from the anaerobic digestion of organic material

☐ Geothermal

☐ Ocean, wave or tidal actions, currents, or thermal differences

☐ Qualified Biomass<sup>i</sup>

☐ Qualified Fuel Cells<sup>ii</sup>

☐ Qualified Hydroelectric<sup>iii</sup>

☐ Qualified Methane Gas captured from a landfill gas recovery system<sup>iv</sup>

☒ Solar

☐ Wind

If co-firing, provide the formula on file with PJM Environmental Information Services, Inc. (PJM-EIS) n/a

Rated Capacity (in megawatts) 0.01197 MW ✓

If multiple fuel types are utilized, attach the formula for computing the proportion of output per fuel type by megawatts per hour generated.

Facility **Final Approved Interconnection Date** 12/03/15 ✓

If co-firing with fossil fuels, co-fire start date n/a

If co-firing with fossil fuels, attach the allocation formula on file with PJM.

9. Is the Applicant's facility customer-sited generation<sup>v</sup>?

☒ Yes ☐ No

Is the Applicant's facility a community owned generating facility<sup>vi</sup>?

☐ Yes ☒ No

Can the output from the customer-sited generation be appropriately metered?

☒ Yes ☐ No

I, Allyson Browne (print name) hereby certify under penalty of perjury that

1. I have made reasonable inquiry, and the information contained in this Application is true and correct to the best of my knowledge, information and belief.
2. I am authorized to submit and execute this Application and to bind myself and/or my company to the representations contained herein.
3. I /my company agree(s) to comply with and be subject to the jurisdiction of the Public Service Commission of the State of Delaware for any matters arising out of my submission of this Application or the granting of the Application.
4. In the event that any of the information contained in this Application changes pending the consideration of this Application or after the Application is granted, I/my company will amend the Application to provide the Commission with such changed information.
5. I acknowledge that if any of the representations made in this Application or in any amendment thereto are found to be untrue when made, I/the company may be subject to sanctions, including but not limited to monetary fines and/or the revocation of any Certificate granted as a result of the representations made in this Application.

Signature: Allyson Browne

Date: 03/23/2016

# Delaware Electric Cooperative

"Owned By Those We Serve"

## Generator Interconnection Application

(For Use with Generators 25 kW or Less)

For applications received on and after September 1, 2010 applicant (Generator Owner) makes application to Delaware Electric Co-op to install and operate a generating facility of 25kW or less interconnected with the Delaware Electric Co-op Power utility system.

### Section 1: Applicant Information

Is the following system:

Leased ☐

or

Member Owned ☒

Name: Peter Puch

Mailing Address: 32795 Ocean Ridge Drive

City: Lewes

State: DE

Zip Code: 19958

Facility Location (if different from above): \_\_\_\_\_

Telephone (Daytime): 301-943-7696

(Evening): \_\_\_\_\_

Delaware Electric Account No.: 10879001

Rate Code: 1E1

### Section 2: Generator Technical Information

Is Generator powered from a Renewable Energy Source: Yes ☒

No ☐

Type of Qualifying Energy Source (if applicable):

Solar ☒

Wind ☐

Other \_\_\_\_\_

GENERATOR (or solar collector) Manufacturer, Model Name & Number: SolarWorld 285w MONO

Total Installed Out Power Rating in kW: 11.97

INVERTER Manufacturer, Model Name & Number (if used): Fronius PRIMO 7.6 and 3.8

Rating in kW: 11.4

**A manual lockable disconnect device with a visible opening shall be installed within 3 feet of the DEC meter linked to the generating system and accessible at all times by DEC personnel, by and at the cost of the owner.**

### Section 3: Generator/Equipment Certification

Generating systems that utilize inverter technology must be compliant with *IEEE 1547* and *Underwriters Lab. UL 1741*. Generating systems that use a rotating machine must be compliant with Delaware Electric Co-op's *Technical Requirements For Parallel Operation of Member Owned Generation* document. **By signing below, the Applicant certifies that the installed generating equipment meets the appropriate preceding requirement(s) and can supply documentation that confirms compliance.**

Name (print): Peter Puch

Signed (Applicant): 

Date: 10/8/15

### Section 4. Preliminary Application Approval (DEC)

DEC hereby grants preliminary approval for the installation as described above. Final approval shall be subject to satisfactory completion of application and interconnection equipment meets all applicable regulations.

Approved by: Tom Wright

Digitally signed by Tom Wright  
DN: cn=Tom Wright, o,  
ou=Delaware Electric Coop,  
email=twright@decoop.com,  
c=US  
Date: 2015.10.09 13:21 -04'00'

Date: 10/9/15

**Section 5: Installation Details**

Generating System will be installed by: Owner ☐ State Licensed Electrician ☒  
Installing Electrician: James Rodrigue Firm: Alutech United Inc License No.: T1-0005686  
Mailing Address: 117 Dixon St  
City: Selbyville State: DE Zip Code: 19975  
Telephone: Area Code: 800 Number: 233-1144  
Installation Date: \_\_\_\_\_

Supply certification that the generating system has been installed and inspected in compliance with the local Building/Electrical code of the municipality of \_\_\_\_\_.

Signed (Inspector): \_\_\_\_\_ Date: \_\_\_\_\_  
(In lieu of signature of Inspector, a copy of the final inspection certificate may be attached)

**Section 6: Applicant Signature**

I hereby certify that, to the best of my knowledge, all the information provided in the Interconnection Application is true and correct. I also agree to install a Warning Label provided on or near my service meter location. The system can only be activated upon FINAL Approval by DEC.

Name (print): Peter Puch

Signed (Applicant):  Date: Nov. 18, 2015

**Send the completed application to: Delaware Electric, Attn. Tom Wright, P.O. Box 600, Greenwood, Delaware 19950. Email [twright@decoop.com](mailto:twright@decoop.com), Phone: (302) 349 - 3130, Fax (302) 349-5891.**

**Sections Below for Delaware Electric Use Only**

**Section 7: FINAL Approval or Non-Approval**

Name: \_\_\_\_\_ Account No. \_\_\_\_\_

Inspected By: \_\_\_\_\_ Date: \_\_\_\_\_

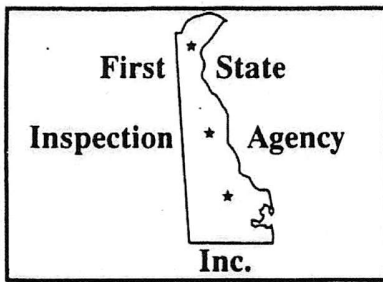
Delaware Electric Co-op: ☒ Has Approved ☐ Has Not Approved this Interconnection Application.

Signature: Tom Wright Digitally signed by Tom Wright  
DN: cn=Tom Wright, o=Delaware  
Electric Coop,  
email=twright@decoop.com, c=US  
Date: 2015.12.03 11:29:11 -0500 Date: 12/3/15

Reason of Not Approving: \_\_\_\_\_

Approval to connect to the Cooperative system indicates only that the minimum requirements for a safe proper interconnection have been satisfied. Such approval does not imply that the Generator Owner's facility meets all federal, state and local standards or regulations.





**First State Inspection Agency, Inc.**  
**1001 Mattlind Way**  
**Milford, DE 19963**

**1-800-468-7338**  
**302-422-3859**

Alutech United, Inc.  
James Rodrigue  
PO Box 329  
Selbyville, DE 19975

## **CERTIFICATE**

Final Inspection Date: 11/16/2015  
Application #: 018007  
Owner: Peter Puch  
Customer Job #:   
Occupancy: Solar  
Location: 32795 Ocean Reach Drive, Henlopen Landing, lot 146, Lewes,  
Sussex Co., DE

This certifies that the installation of electrical equipment listed on referenced application has been approved as meeting the requirements of the National Electric Code, utility, municipalities and Agency rules. Any modification, addition or alteration of the electrical system, after the date of final inspection, will require a new application for inspections and certifications.

  
**Chief Electrical Inspector**

F.S. CERT

10. If the Applicant's installation is solar or wind sited in Delaware, is a minimum of 50% of the cost of the renewable energy equipment, inclusive of mounting components, manufactured in Delaware?

☒ Yes\*

☐ No

Alutech United

Company Name of Installer

117 Dixon Street

Address

Selbyville, DE 19975

Address

  
Signature of Company Representative

Shelly Culver

Print Name of Co. Representative

**\*If Yes, please attach the following documentation:**

- A copy of the supplier's invoice showing Delaware manufactured equipment with this facility identified
  - If the supplier's invoice shows only a coded Purchase Order (PO) number, a copy of the company's matching PO that includes the address where the materials were used/installed, must also be supplied
  - If using a master invoice, a record of the draws against the purchased quantity, on the master invoice, must show the address of each use and the quantity of material used

11. If the Applicant's installation is solar or wind sited in Delaware:

a. Was the facility physically constructed or installed with a workforce that consists of at least 75% Delaware residents?

☒ Yes\*

☐ No

b. Does the installing company employ, in total, a minimum of 75% workers who are Delaware residents?

☒ Yes\*

☐ No

Alutech United

Company Name of Installer

117 Dixon Street

Address

Selbyville, DE 19975

Address

  
Signature of Company Representative

Shelly Culver

Print Name of Co. Representative

**\*If Yes, please attach supporting documentation (see pages 7-8 for details). Please note, in order to qualify for the Labor/Workforce Bonus, at least one of the options (a. or b.) must be met.**



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**Documentation Required for Delaware Labor/Workforce Bonus**

11. If the Applicant's installation is solar or wind sited in Delaware:

- a. Was the facility physically constructed or installed with a workforce that consists of at least 75% Delaware residents?

If you answered yes to "a." above, complete the following as evidence.

The following individuals (list every employee) were employed by

**Alutech United DBA Green Street Solar**

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Installation Company Name

as direct labor (physical construction and installation) for this facility: (Attach additional sheets if necessary)

**Please complete the following information for all individuals listed above:**

<b>Name</b>	<b>Home Address (As per Tax Withholding)</b>	<b>Social Security Number (Last 4 digits only)</b>
N/A		

Total Delaware Resident Employees: 20 Total Number of Employees: 30

% of Delaware Residents (Delaware Residents Divided by Total Employees): 67%

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**Documentation Required for Delaware Labor/Workforce Bonus**

11. If the Applicant's installation is solar or wind sited in Delaware:

- b. Does the installing company employ, in total, a minimum of 75% of workers who are Delaware residents?

If you answered yes to "b." above, complete the following as evidence:

Alutech United DBA Green Street Solar

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Installation Company Name

employed the following individuals (list EVERY employee on the payroll during the period from project start date until project completion date). Projects are considered complete upon final interconnection approval to operate. (Attach additional sheets if necessary)

Project Start Date: 11/12/15 Project Complete Date: 12/3/15

Employee Full Name	Home Address (As per Tax Withholding)	Social Security Number (Last 4 digits Only)
N/A		

Total Delaware Resident Employees: 20 Total Number of Employees: 30  
% of Delaware Residents (Delaware Residents Divided by Total Employees): 67%

	NAME	STREET ADDRESS	CITY	ST	ZIP	SS#
1	Aaron Woods	22763 Coverdale Road	Seaford	DE	19973	25
2	Adam Ash	36096 Zion Church Road	Frankford	DE	19945	24
3	Alfred Bangert	17905 Careys Camp Road	Laurel	DE	19956	33
4	Antione Johnson	27542 Holly Hock Lane	Seaford	DE	19973	29
5	Cody Perry	112 East Tingle Drive	Selbyville	DE	19975	75
6	Daniel Fleetwood, III	36157 Millers Neck Road	Frankford	DE	19945	68
7	David Linehan	26393 Sea Mist Court	Millsboro	DE	19966	85
8	Derek Dykes	31866 Mountain Laurel Ridge	Laurel	DE	19956	74
9	Donnie Baker	35359 Danny Drive	Laurel	DE	19956	60
10	Dustin Brittingham	2 Leah Street	Georgetown	DE	19947	01
11	George Carey	36966 Deer Drive	Selbyville	DE	19975	69
12	George Pfaller	24501 Cedar Lane	Georgetown	DE	19947	48
13	James Webb	629 Gun and Rod Club Road	Harrington	DE	19952	63
14	Jason Killen	16502 Old Furnace Road	Georgetown	DE	19947	18
15	Jason Roth	36851 Old Mill Bridge Road	Selbyville	DE	19975	90
16	Jose Cordoba	Lazy Lagoon Lot 41	Frankford	DE	19945	42
17	Michael Haymond	12640 Beach Hwy.	Greenwood	DE	19950	01
18	Richard Jalot, 2nd	18546 Sand Hill Rd.	Georgetown	DE	19947	22
19	W. Jeffrey Timmons	11127 Signature Blvd.	Selbyville	DE	19975	52
20	William Warden	26163 Kelly Circle	Seaford	DE	19973	89
21	Brian Reed, Jr.	233 Briarwood Circle	Denton	MD	21629	00
22	Erik Diaz-Padilla	105 Caroline St., Unit 6	Ocean City	MD	21842	15
23	John Basch	1504 Sharen Drive, Apt. F	Salisbury	MD	21801	96
24	Kyle Handy	106 Meadow Drive, Unit 208	Easton	MD	21601	00
25	Lisa Bloom	403 143 <sup>rd</sup> Street, Unit 5	Ocean City	MD	21842	74
26	Mark Caldwell	1004 Philadelphia Avenue, Unit 5	Ocean City	MD	21842	20
27	Richie Wright	5637 Caledonia Drive	Salisbury	MD	21801	40
28	Russell Pfaller	7167 Chatham Manor Way	Pittsville	MD	21850	98
29	Shelly Culver	1010 Marley Manor Drive, #101	Salisbury	MD	21804	59
30	Tyler Burr	403 143 <sup>rd</sup> Street, Unit 5	Ocean City	MD	21842	69